INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/42954

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06f 17/60				
US CL : 705/50				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S.: 705/50, 705/67, 705/75				
0.0.1.703/30, 703/03, 703/03				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
	Citation of document, with indication, where ap	propriate of the relevant passages	Relevant to claim No.	
Category *	US 2003/0061170 A1 (UZO) 2 March 2003 (02.03.2003), see entire document 1-22			
X	US 2003/0001170 A1 (UZO) 2 March 2003 (UZ.03.2003), see chine document			
Y	US 2003/0229590 A1 (BYRNE et al) 11 December 2003 (11.12.2003), see entire document 1-22			
1	US 2003/0229390 A1 (B F RNE et al) 11 December 2003 (11.12.2003), see chine document			
			j	
			l	
		i	1	
		1		
			Ì	
ľ				
	1	See patent family annex.		
	documents are listed in the continuation of Box C.	· · · · · · · · · · · · · · · · · · ·		
* 8	special categories of cited documents:	"T" later document published after the inter date and not in conflict with the applic	mational filing date or priority	
"A" documen	t defining the general state of the art which is not considered to be of	principle or theory underlying the inve		
particular relevance				
"E" earlier ap	plication or patent published on or after the international filing date	"X" document of particular relevance; the c considered novel or cannot be consider	ed to involve an inventive step	
1		when the document is taken alone		
	t which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the c	laimed invention cannot be	
specified		considered to involve an inventive step	when the document is combined	
		with one or more other such document	s, such combination being	
"O" documen	t referring to an oral disclosure, use, exhibition or other means	obvious to a person skilled in the art		
"P" documen	t published prior to the international filing date but later than the	"&" document member of the same patent i	family	
priority date claimed				
Date of the actual completion of the international search Date		Date of mailing of the international search	h report	
		Janne nine janes		
22 June 2005 (22.06.2005) Authorized officer Authorized officer			<u>-</u>	
Name and maning address of the isavos		0-/0	,	
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		James Trammell		
P.O. Box 1450		Tolombono No. 702 200 1112	<i>-</i> 000	
Alexandria, Virginia 22313-1450				
Facsimile No	Facsimile No. (703) 305-3230			

Form PCT/ISA/210 (second sheet) (January 2004)